

**USBR/Western Customer Funding Program  
Technical Committee Meeting  
December 13, 2000  
9:00 at CVO**

**Draft Notes**

**1. Call to order by Chairman/Secretary: Bill Reichmann/Barry Mortimeyer**

**2. Roll Call (Normal attendees; x marks attendees):**

(X) Charles Cooper, Western (M)	(X) Ed Roman, SMUD (M)	( ) Joe Ungvari, DOE (A)
(X) Cyndi Calvillo, Western (L)	(X) Barry Mortimeyer, USBR (M)	( ) Mark Clark, DOE (M)
( ) Russ Klein, BART (M)	( ) Janice Bartlett, USBR (L)	(X) Dan Netto, USBR (A)
(X) Stuart Robertson, Irrigation (M)	(X) Matt Foskett, NCPA (M)	(X) Bill Reichmann, SVP (M)
( ) Tom Kabat, Palo Alto (M) via phone	( ) Lowell Watros, Redding (M)	(X) Tom Ruthford, USBR (A)
(X) Martin Bauer, USBR (P)		

**3. Review Prior Minutes** - Minutes were approved with revisions suggested by SMUD.

**4. Reports:**

- A. **Governance Board** – There was nothing new from the Governance Board since the last meeting.
- B. **Finance Committee** – It was announced that Jay Evans who is the Chair of the Finance Committee is no longer with BART.
- C. **Other-Report on Customer O&M Funding Obligations** – Tom Ruthford indicated that the “trimester” report of funding obligations ongoing projects and the balance of the Rapid Return to Service fund is being revised and should be available for discussion at the next TC Meeting.
- D. **Other – Report on Penstock Outage at New Melones for Tie-Rod Repairs** – The repair design and specifications have been completed. The first advertisement for bids was unsuccessful in that no bids were received. Efforts to contact bidders were made and interest has been generated. The bid opening was held December 6. Bids were received from two contractors and are being evaluated. Award was made today to Site Contractors, Inc. out of Chico. The Willows construction office will be handling the contract after award and will be approached to immediately request the contractor’s schedule and after review discuss possible areas where the repair process can be accelerated. CVP power customers will be kept informed of the progress. The first meeting with the contractor is scheduled for December 20, 2000.
- E. **Other – Powerformer** – Ed Roman presented a brief update of the status of the Powerformer technology evaluation by Reclamation and SMUD. An interested party conference call occurred on December 12. The Powerformer manufacturer, Alstom will be visiting candidate plants during the week of January 16-19, 2001. These plants are Folsom, Jaybird, and Loon Lake. An outbriefing will be held on January 19. If the concept continues to look promising, a trip to see actual Powerformer in operation will occur in March 2001. Technical questions are to be presented to Alstom and will be addressed by the end of December 2000.
- F. **FY00 Project Status**
  - **Keswick Trash Rake** - No change in status of this project. The design of the rake has been delayed as efforts of Shasta staff shifted to completing the Carr Tunnel Cleaning project.
  - **Clear Creek Tunnel Cleaning** – This project has been completed and all that remains is the test to determine the actual improvement of generation was achieved. This test will occur once both units are back in service as one is out to correct isolated phase bus connections that overhead. (Flexible connectors are on order and are supposed to arrive the second week of January 2001. A final summary of the project will be produced after performance testing is completed.
- G. **FY01 Project Status**

- **NM Butterfly Valve Repair** – After checking with Folsom staff, it was determined that since operational changes had been made to the generator start/stop process, the severity of the butterfly valve problem was reduced. This means the project can be safely deferred and higher priority items undertaken. The TC agreed after talking with Larry Ball and Bill Gibbons that the funds committed to the butterfly valve repair would be utilized for retrofit of Spring Creek generator unit breakers. The TC concurred that Reclamation could use their reprogramming authority to redirect up to \$134,850 immediately to allow the Spring Creek unit breaker retrofit. Reclamation would also write a request to the GB to obtain approval to use the entire butterfly valve funds (saving Reclamation's reprogramming authority for use elsewhere if needed during the year). Barry will draft the request for Bill's signature.
- **Spring Creek Transformer Refurbishment** – This project is continuing. Reclamation intends to pursue reclaiming/reconditioning the transformer oil as soon as practical while developing specifications to repair the leaks and regasket the transformer by contractor next Fall.

## 5. Accept New Action Items

- A. **12/13/00-1 Prepare Detailed Justifications for FY02 RAX Items (Due to TC April 17, 2001 and GB for their July meeting)**—The TC went over the Power RAX listing discussed the previous day at the Reclamation Power RAX workshop. In addition, the powerplant critical ranking list developed by both Tom Kabat and Martin Bauer was reviewed. (This list ranked CVP powerplants according to the impact of the loss of one unit for one year. The order of priority is Trinity, Carr, New Melones, Spring Creek, Shasta, Keswick, Folsom, and Nimbus.) Using this list, the Power RAX was reviewed to select candidates for funding in FY02 and 03. The following candidate projects were selected:

		FY02	FY03
RAX	Item	<u>\$1,200,000</u>	<u>\$2,350,000</u>
310	Trinity Air Circuit Breakers	150,000	360,000
342	Carr Transformer Rehab	100,000	400,000
356	New Melones BF Valve Bypass	50,000	250,000
300	Keswick Unit Breakers	100,000	600,000
	Folsom Batteries/UPS System	200,000	200,000
	Solid State Relays (all plants)	150,000	
261	New Melones Excitation System	<u>200,000</u>	<u>600,000</u>
	Proposed Total	\$950,000*	\$2,410,000*

\*- It was recognized that these totals were based on numbers that need to be further analyzed since are basically rough estimates. When detailed justifications are prepared, the budget estimates will become more accurate.

**B. 12/13/00-2 FY04 Preliminary Customer Funding Plan (Due January 12, 2001)**

The TC analyzed the November 6, 2000, memo regarding Reclamation Fiscal Year (FY) 2004 Work Plans and Preliminary customer O&M Funding Plan and the 8 attachments to it. With this information, the TC determined the priority of various alternatives should funding cuts be necessary due to available repayment capacity of Western's bill crediting process. Tom Ruthford was asked to develop alternative funding plans based on the following priority of program cuts: Dams (\$1.4M), Nimbus (\$1.6M), Keswick (\$1.0M), Power Operations (\$3.4M), and Shasta (\$3.3M).

**C. 12/13/00-3 Summarize Reprogramming of New Melones Butterfly Valve**—As mentioned in the Reports-Other section above, Reclamation will: 1) provide a summary of the rationale for reprogramming these funds (done) and, 2) will provide a request for TC Chair to send to the GB requesting the reprogramming of the entire \$184,000 Butterfly Valve Repair project to the Spring Creek circuit breaker retrofit and restore the reprogramming authority to Reclamation of the \$134,850 initially used to kick-off the Spring Creek breaker project.

**6. Prioritize Action Items**

**7. Address Open Action Items:**

**01/04/2000-1** a) Cumulative RAX Summary Spreadsheet – Ed. (Deferred)

**01/11/2000-2** Study to Optimize Water/Power Optimization (also 08/23/2000-1). This scope of work was drafted, reviewed by the TC, and will be presented to GB at the next meeting. (Completed)

**03/01/2000-3** Rapid Return to Service for Excess Capacity – Tom/Martin. (Deferred)

**5/15/2000-1** Status of web site for TC documents – USBR. This website is currently being developed and should be operational after the New Year. (Open)

**8. Future Meetings:**

Governance Board	December 4, 2000	9:00 a.m.	Western
RAX Workshop	December 12, 2000	1:00 a.m.	USBR-CVO
Technical Committee	December 13, 2000	9:00 a.m.	USBR-CVO
Finance Committee	January 12, 2001	10:00 a.m.	Western
Technical Committee	February 6, 2001	9:00 a.m.	SMUD
Governance Board	February 15, 2001	9:00 a.m.	Western
Technical Committee	April 17, 2001	9:00 a.m.	NCPA
Technical Committee	June 5, 2001	9:00 a.m.	CVO

**9. Adjourn**